

Ariel J Levine

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,796
citations

430874

18
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

3690
citing authors

#	ARTICLE	IF	CITATIONS
1	Intersectional genetic tools to study skilled reaching in mice. <i>Experimental Neurology</i> , 2022, 347, 113879.	4.1	5
2	Cell type prioritization in single-cell data. <i>Nature Biotechnology</i> , 2021, 39, 30-34.	17.5	96
3	Selecting single cell clustering parameter values using subsampling-based robustness metrics. <i>BMC Bioinformatics</i> , 2021, 22, 39.	2.6	45
4	A spinoparabrachial circuit defined by <i>Tacr1</i> expression drives pain. <i>ELife</i> , 2021, 10, .	6.0	42
5	A harmonized atlas of mouse spinal cord cell types and their spatial organization. <i>Nature Communications</i> , 2021, 12, 5722.	12.8	116
6	Confronting false discoveries in single-cell differential expression. <i>Nature Communications</i> , 2021, 12, 5692.	12.8	332
7	Cerebellospinal Neurons Regulate Motor Performance and Motor Learning. <i>Cell Reports</i> , 2020, 31, 107595.	6.4	47
8	Decoding cell type diversity within the spinal cord. <i>Current Opinion in Physiology</i> , 2019, 8, 1-6.	1.8	19
9	Massively Parallel Single Nucleus Transcriptional Profiling Defines Spinal Cord Neurons and Their Activity during Behavior. <i>Cell Reports</i> , 2018, 22, 2216-2225.	6.4	286
10	Graded Arrays of Spinal and Supraspinal V2a Interneuron Subtypes Underlie Forelimb and Hindlimb Motor Control. <i>Neuron</i> , 2018, 97, 869-884.e5.	8.1	152
11	Isolation of Adult Spinal Cord Nuclei for Massively Parallel Single-nucleus RNA Sequencing. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	33
12	<i>Satb2</i> Is Required for the Development of a Spinal Exteroceptive Microcircuit that Modulates Limb Position. <i>Neuron</i> , 2016, 91, 763-776.	8.1	42
13	Biomaterial bridges enable regeneration and re-entry of corticospinal tract axons into the caudal spinal cord after SCI: Association with recovery of forelimb function. <i>Biomaterials</i> , 2015, 65, 1-12.	11.4	61
14	Identification of a cellular node for motor control pathways. <i>Nature Neuroscience</i> , 2014, 17, 586-593.	14.8	185
15	Spatial organization of cortical and spinal neurons controlling motor behavior. <i>Current Opinion in Neurobiology</i> , 2012, 22, 812-821.	4.2	68
16	GDF3 is a BMP inhibitor that can activate Nodal signaling only at very high doses. <i>Developmental Biology</i> , 2009, 325, 43-48.	2.0	35
17	The Molecular Basis of Pluripotency in <i>Principles of Regenerative Medicine</i> . , 2008, , 126-135.		0
18	Proposal of a model of mammalian neural induction. <i>Developmental Biology</i> , 2007, 308, 247-256.	2.0	170

#	ARTICLE	IF	CITATIONS
19	GDF3 at the Crossroads of TGF-beta Signaling. <i>Cell Cycle</i> , 2006, 5, 1069-1073.	2.6	47
20	GDF3, a BMP inhibitor, regulates cell fate in stem cells and early embryos. <i>Development (Cambridge)</i> , 2006, 133, 209-216.	2.5	149
21	TGF β 2/activin/nodal signaling is necessary for the maintenance of pluripotency in human embryonic stem cells. <i>Development (Cambridge)</i> , 2005, 132, 1273-1282.	2.5	778
22	Fluorescent labeling of endothelial cells allows in vivo, continuous characterization of the vascular development of <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 2003, 254, 50-67.	2.0	46